

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021660.D
 Acq On : 31 Mar 2021 03:48
 Operator : JC/MD
 Sample : M1842-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-8-20210323

Quant Time: Mar 31 06:13:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

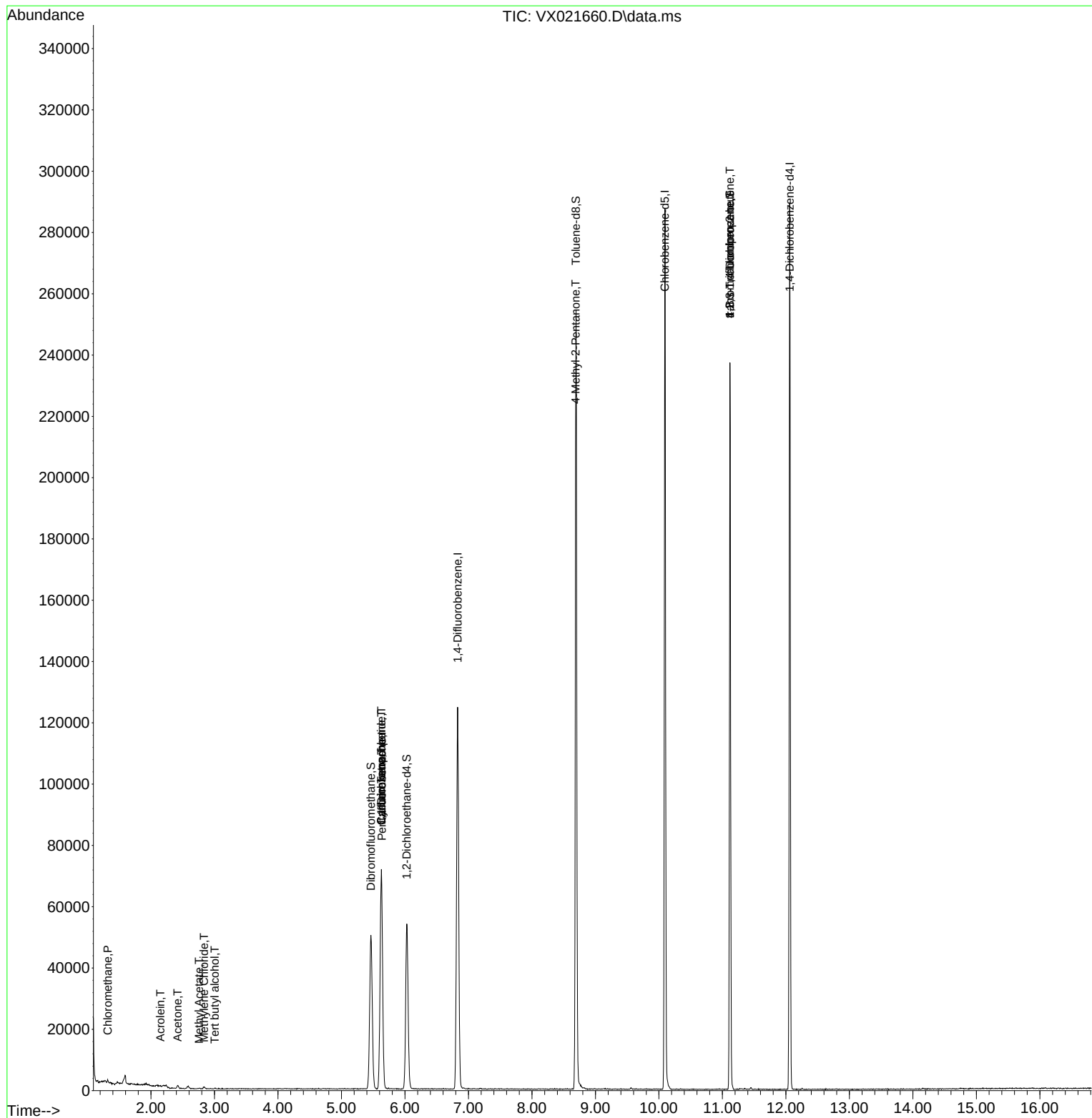
Internal Standards						
1) Pentafluorobenzene	5.635	168	62014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	114389	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	119589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53168	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	53293	51.65	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.30%			
35) Dibromofluoromethane	5.464	113	41835	51.49	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.98%			
50) Toluene-d8	8.694	98	145931	50.40	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.80%			
62) 4-Bromofluorobenzene	11.118	95	59910	53.22	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.44%			
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1318	1.72	ug/l	98
11) Tert butyl alcohol	3.005	59	96	0.56	ug/l #	73
13) Acrolein	2.146	56	38	4.73	ug/l #	14
16) Acetone	2.417	43	1048	2.69	ug/l	93
18) Methyl Acetate	2.758	43	239	0.21	ug/l #	47
20) Methylene Chloride	2.835	84	273	0.36	ug/l #	85
31) Cyclohexane	5.629	56	1675	1.48	ug/l #	22
36) 1,1-Dichloropropene	5.629	75	5461	4.87	ug/l #	47
38) Carbon Tetrachloride	5.629	117	6857	5.69	ug/l #	17
51) 4-Methyl-2-Pentanone	8.688	43	851	0.66	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	34076	27.53	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	34076	83.86	ug/l #	12

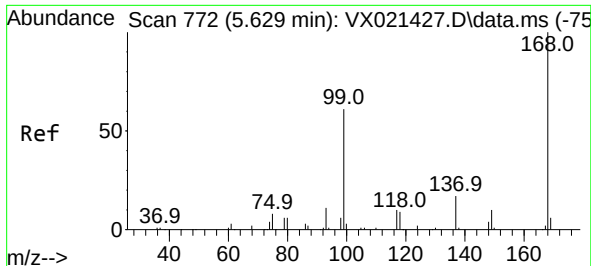
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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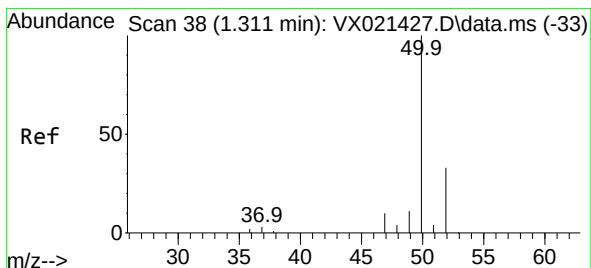
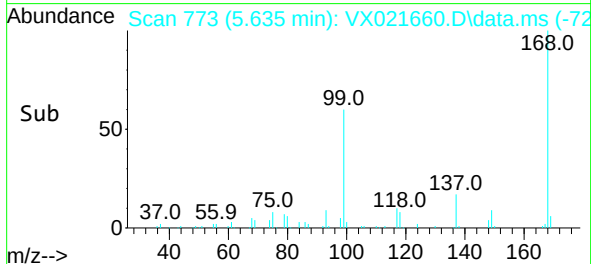
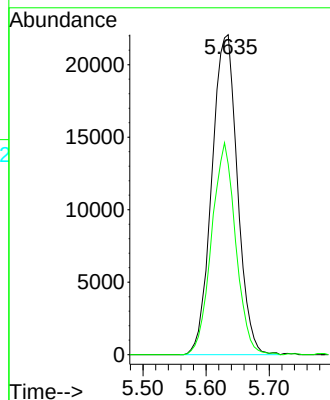
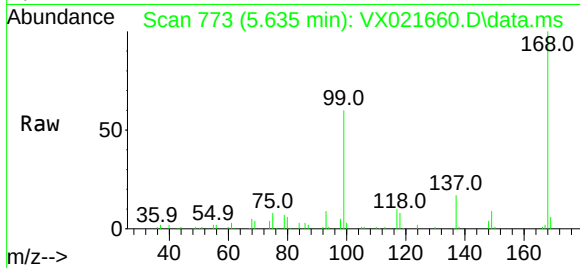




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021660.D
Acq: 31 Mar 2021 03:48

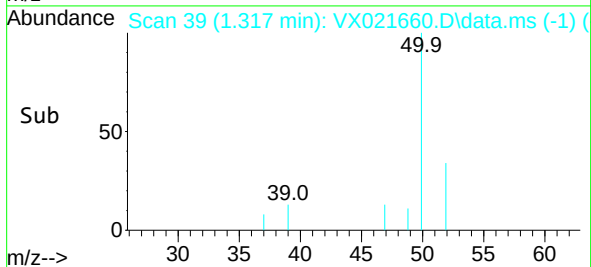
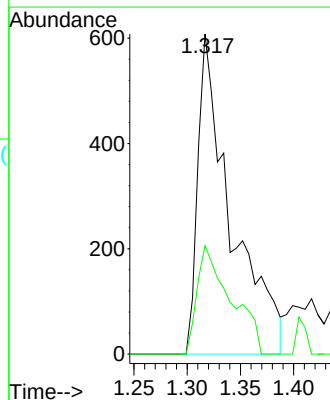
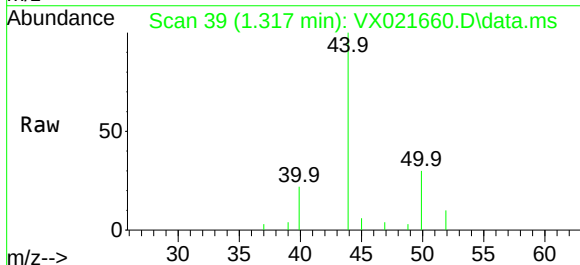
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20210323

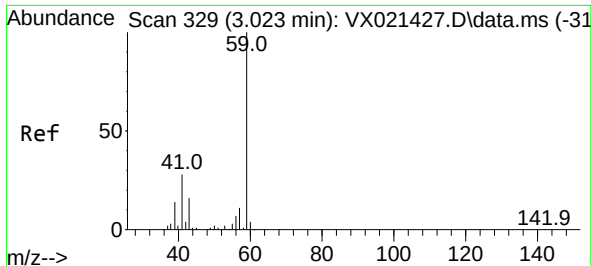
Tgt Ion:168 Resp: 62014
Ion Ratio Lower Upper
168 100
99 59.5 45.8 68.6



#3
Chloromethane
Concen: 1.72 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021660.D
Acq: 31 Mar 2021 03:48

Tgt Ion: 50 Resp: 1318
Ion Ratio Lower Upper
50 100
52 33.9 26.4 39.6



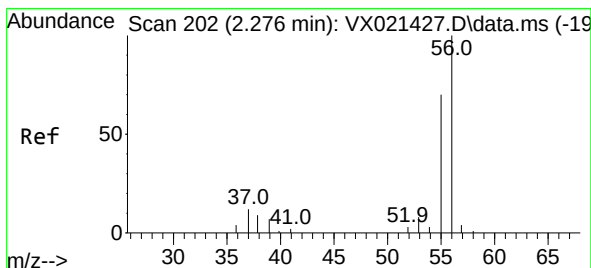
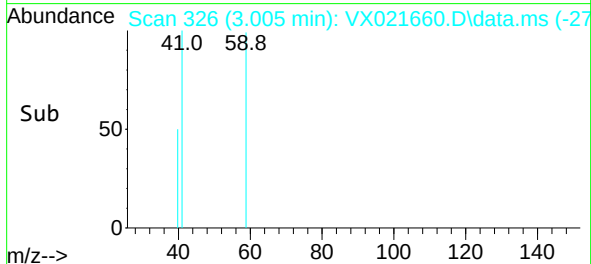
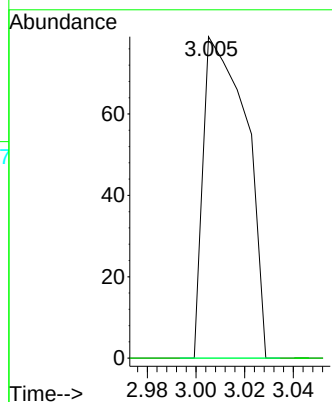
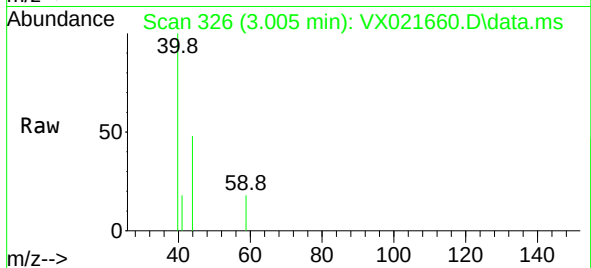


#11

Tert butyl alcohol
Concen: 0.56 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.018 min
Lab File: VX021660.D
Acq: 31 Mar 2021 03:48

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20210323

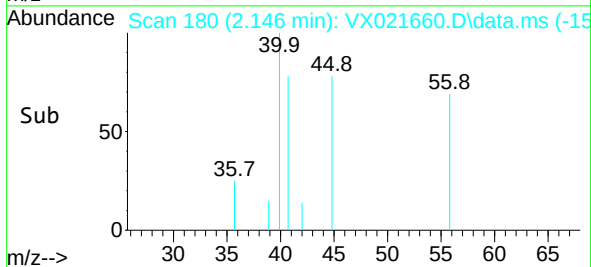
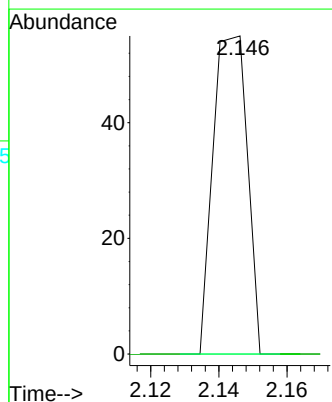
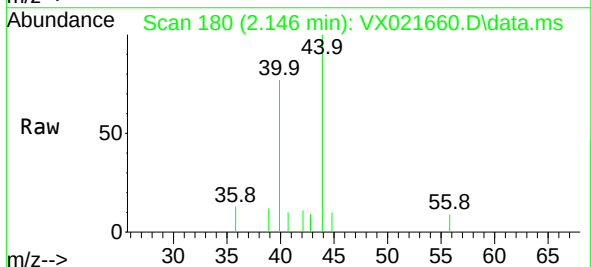
Tgt Ion: 59 Resp: 96
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

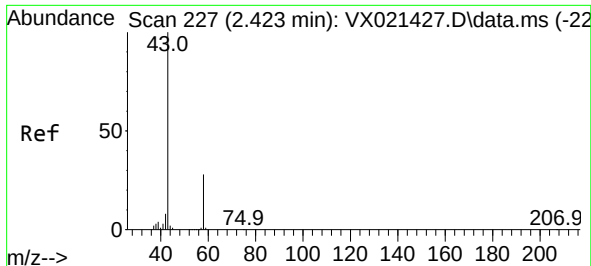


#13

Acrolein
Concen: 4.73 ug/l
RT: 2.146 min Scan# 180
Delta R.T. -0.130 min
Lab File: VX021660.D
Acq: 31 Mar 2021 03:48

Tgt Ion: 56 Resp: 38
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

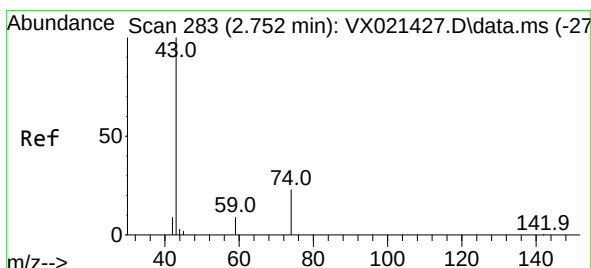
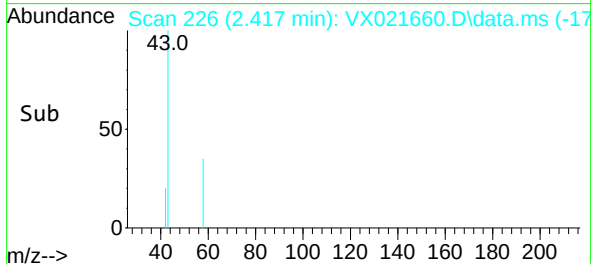
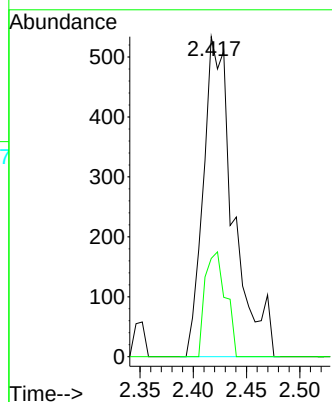
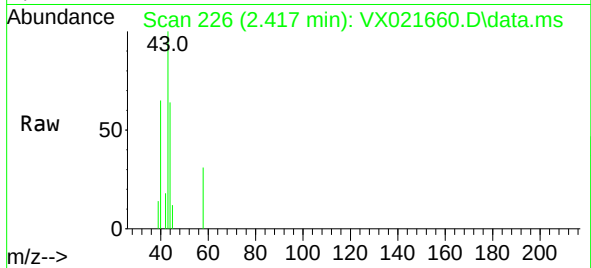




#16
Acetone
Concen: 2.69 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021660.D
Acq: 31 Mar 2021 03:48

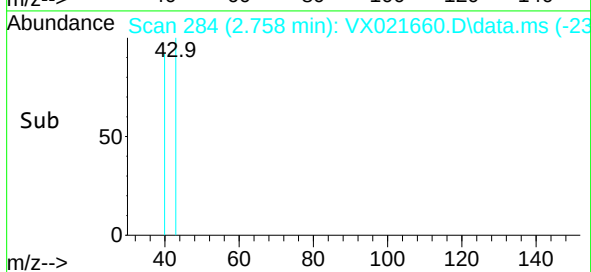
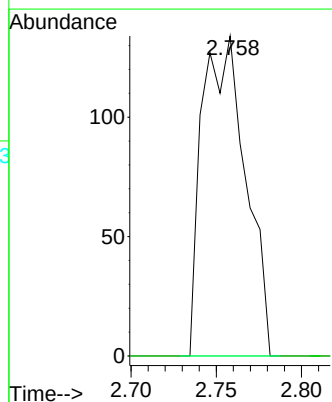
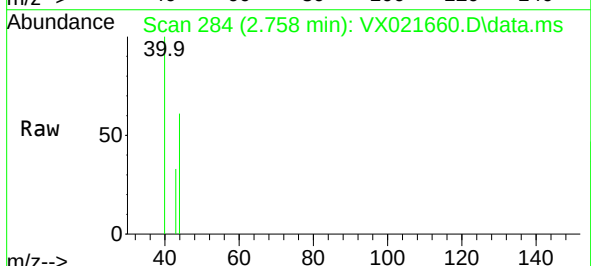
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20210323

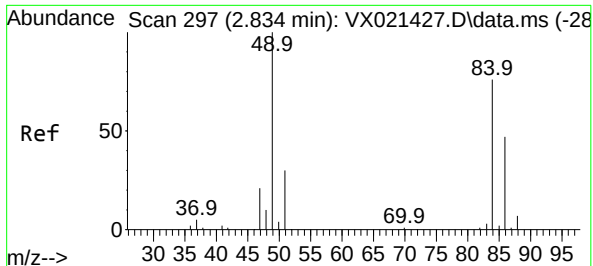
Tgt Ion: 43 Resp: 1048
Ion Ratio Lower Upper
43 100
58 30.7 27.8 41.8



#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.006 min
Lab File: VX021660.D
Acq: 31 Mar 2021 03:48

Tgt Ion: 43 Resp: 239
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



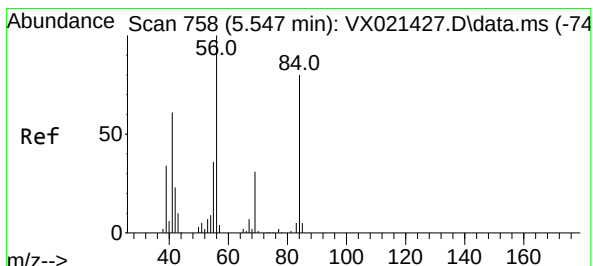
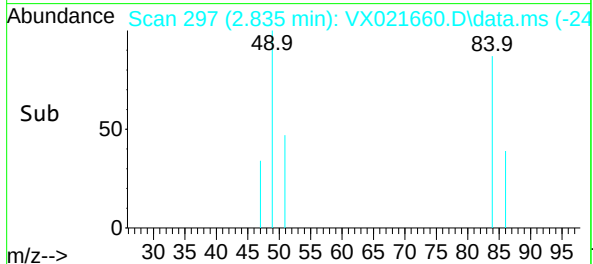
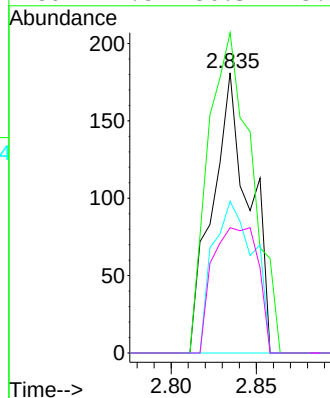
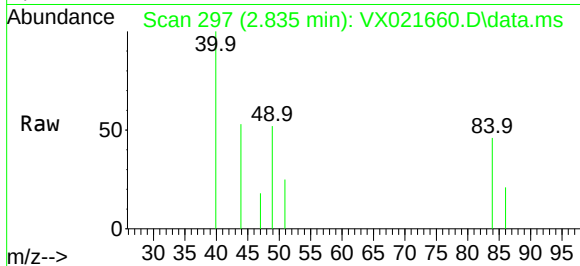


#20
Methylene Chloride
Concen: 0.36 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.001 min
Lab File: VX021660.D
Acq: 31 Mar 2021 03:48

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20210323

Tgt Ion: 84 Resp: 273

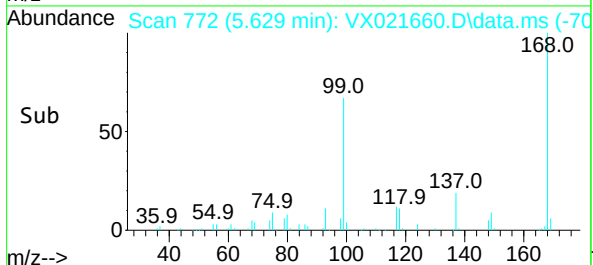
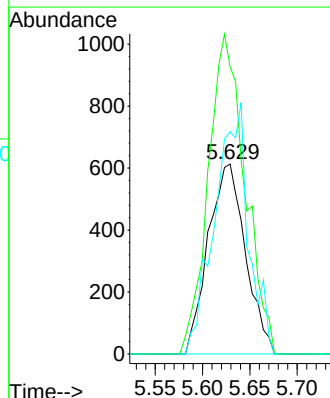
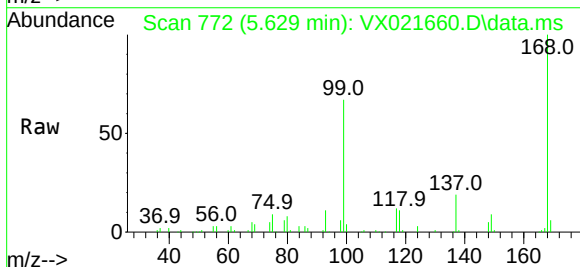
Ion	Ratio	Lower	Upper
84	100		
49	114.4	88.6	132.8
51	54.1	27.0	40.6#
86	44.8	50.3	75.5#

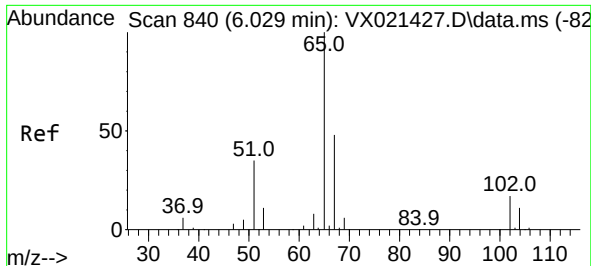


#31
Cyclohexane
Concen: 1.48 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021660.D
Acq: 31 Mar 2021 03:48

Tgt Ion: 56 Resp: 1675

Ion	Ratio	Lower	Upper
56	100		
69	151.2	25.3	37.9#
84	117.1	71.4	107.0#

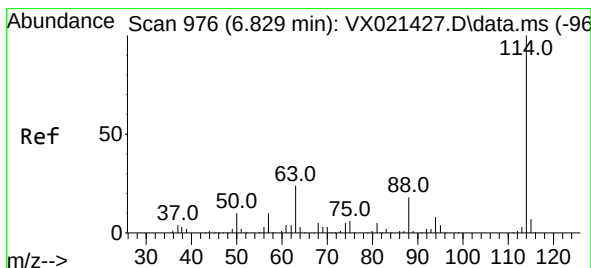
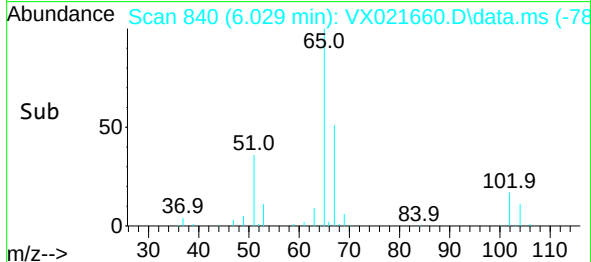
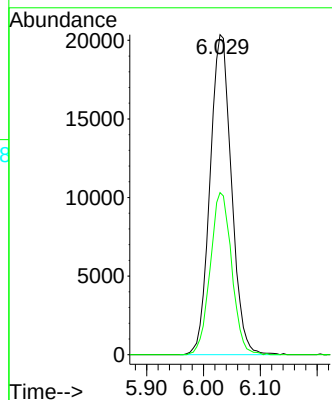
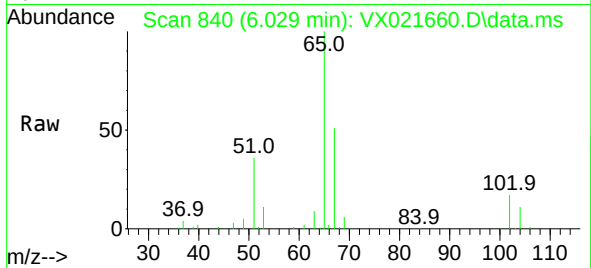




#33
 1,2-Dichloroethane-d4
 Concen: 51.65 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. 0.000 min
 Lab File: VX021660.D
 Acq: 31 Mar 2021 03:48

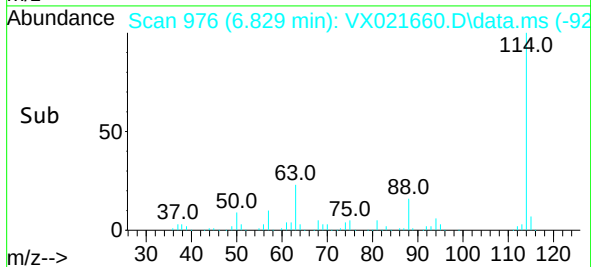
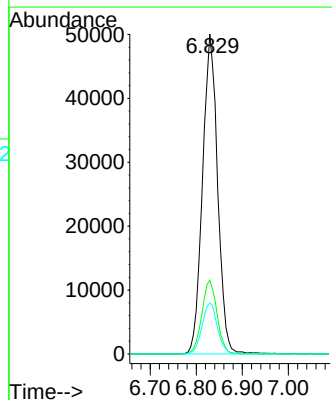
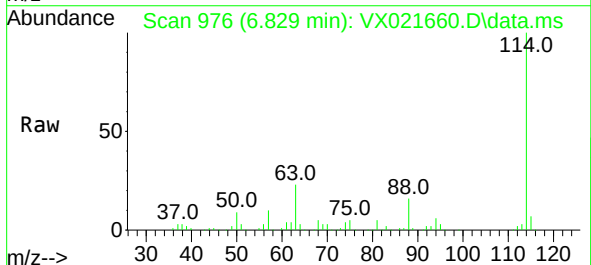
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 BPOW1-8-20210323

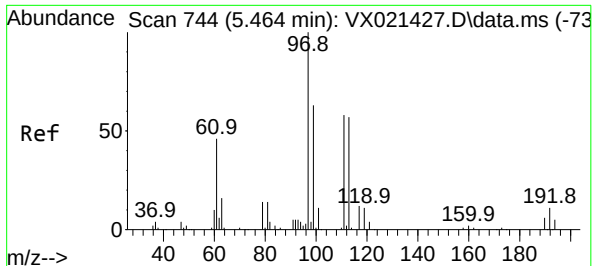
Tgt Ion: 65 Resp: 53293
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VX021660.D
 Acq: 31 Mar 2021 03:48

Tgt Ion: 114 Resp: 114389
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 40.8
 88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.49 ug/l

RT: 5.464 min Scan# 744

Delta R.T. 0.000 min

Lab File: VX021660.D

Acq: 31 Mar 2021 03:48

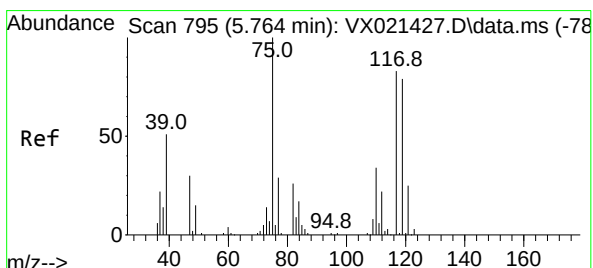
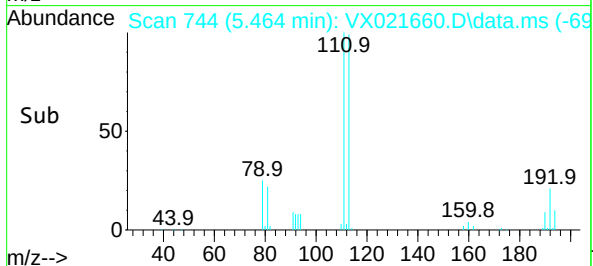
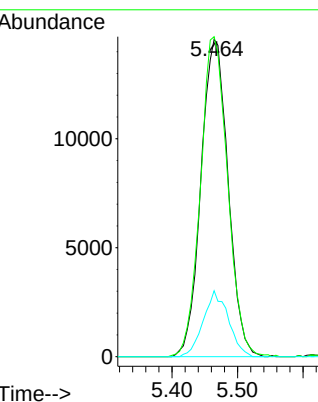
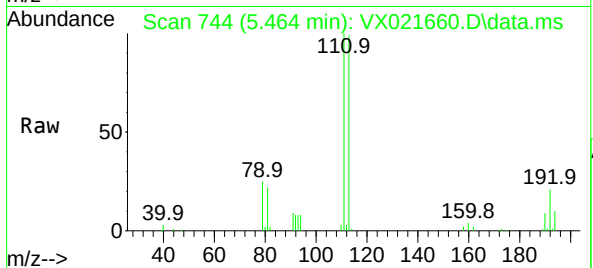
Tgt Ion:113 Resp: 41835

Ion Ratio Lower Upper

113 100

111 101.1 81.9 122.9

192 19.2 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.87 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.135 min

Lab File: VX021660.D

Acq: 31 Mar 2021 03:48

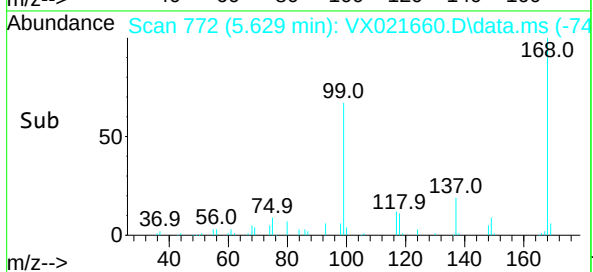
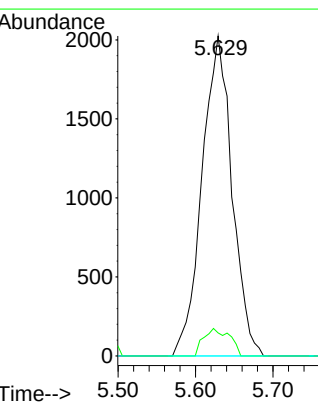
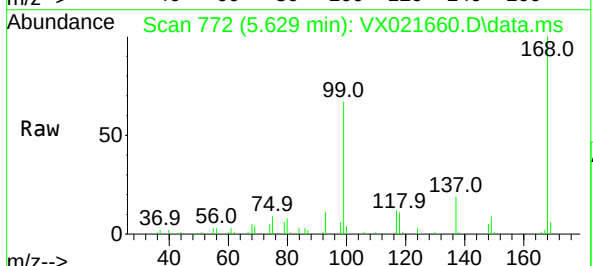
Tgt Ion: 75 Resp: 5461

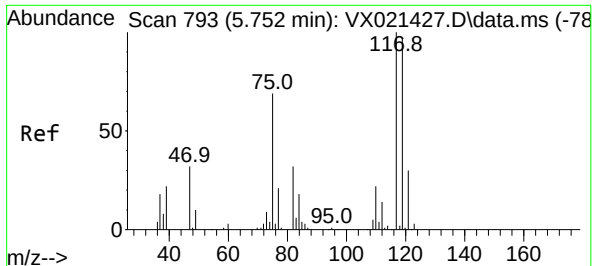
Ion Ratio Lower Upper

75 100

110 7.4 18.1 54.4#

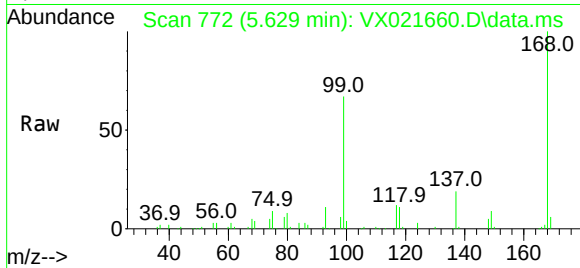
77 0.0 25.3 37.9#



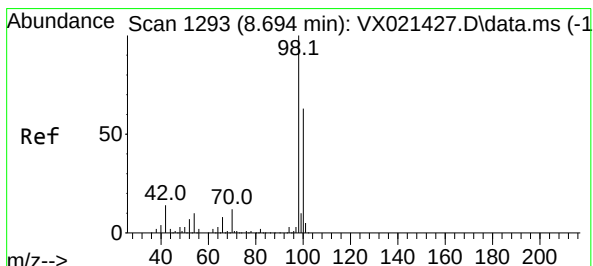
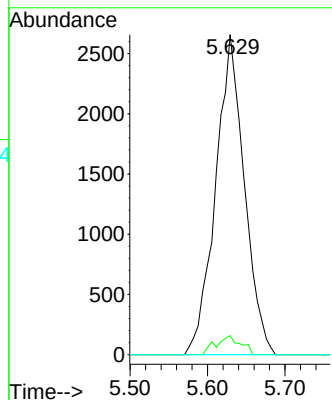
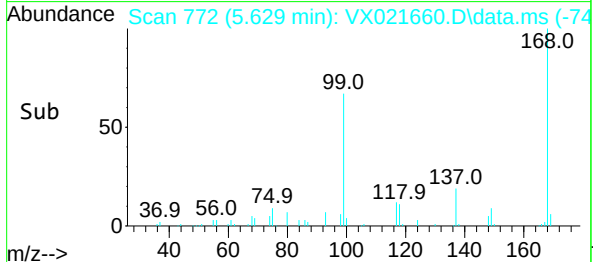


#38
Carbon Tetrachloride
Concen: 5.69 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021660.D
Acq: 31 Mar 2021 03:48

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20210323

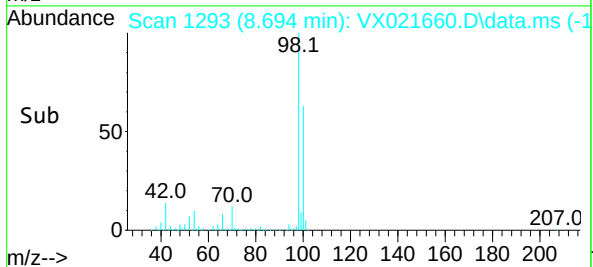
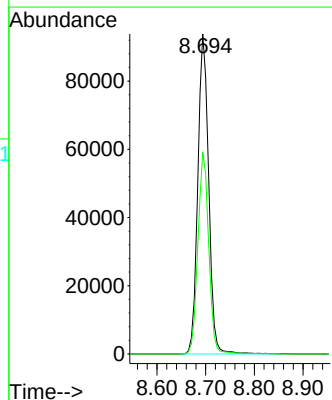
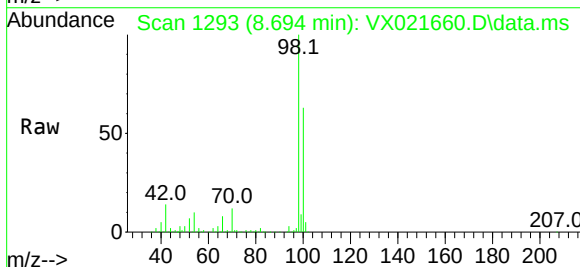


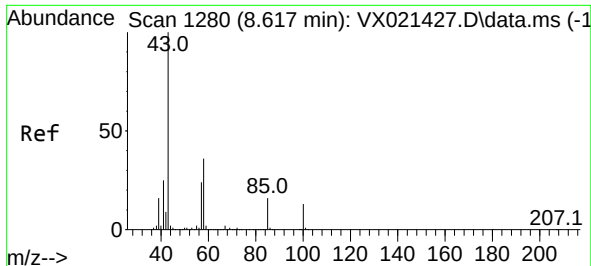
Tgt Ion:117 Resp: 6857
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.40 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021660.D
Acq: 31 Mar 2021 03:48

Tgt Ion: 98 Resp: 145931
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9

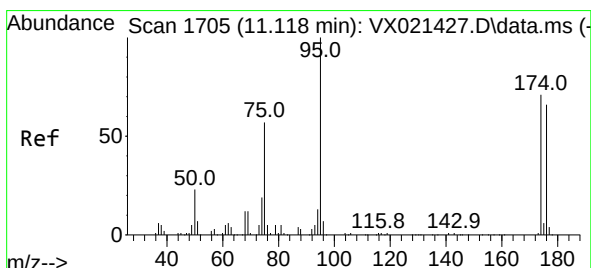
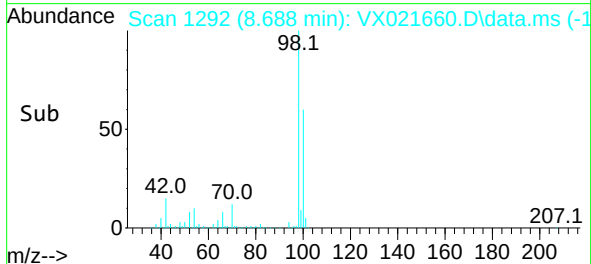
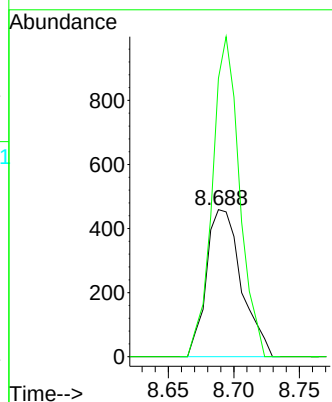
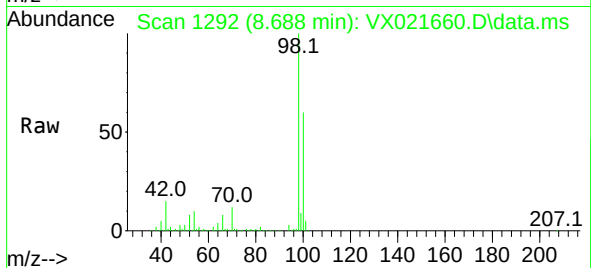




#51
4-Methyl-2-Pentanone
Concen: 0.66 ug/l
RT: 8.688 min Scan# 1292
Delta R.T. 0.071 min
Lab File: VX021660.D
Acq: 31 Mar 2021 03:48

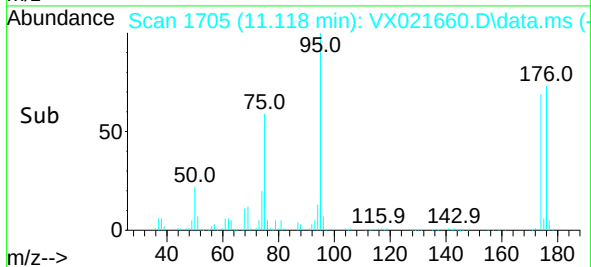
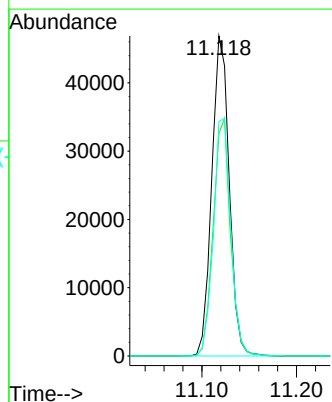
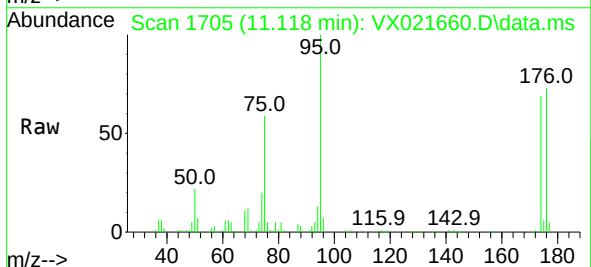
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20210323

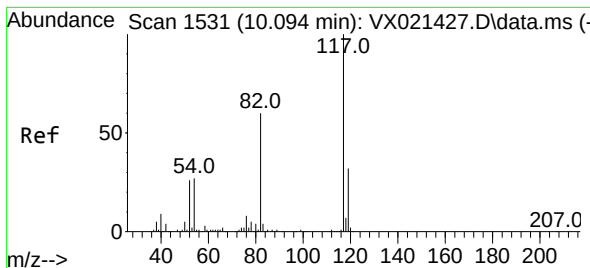
Tgt Ion: 43 Resp: 851
Ion Ratio Lower Upper
43 100
58 169.9 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 53.22 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021660.D
Acq: 31 Mar 2021 03:48

Tgt Ion: 95 Resp: 59910
Ion Ratio Lower Upper
95 100
174 73.6 0.0 154.6
176 74.1 0.0 155.8

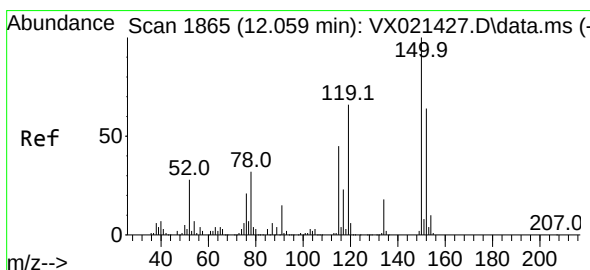
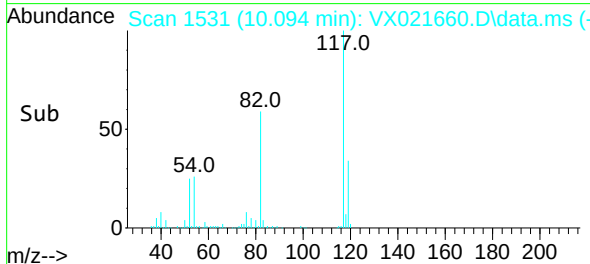
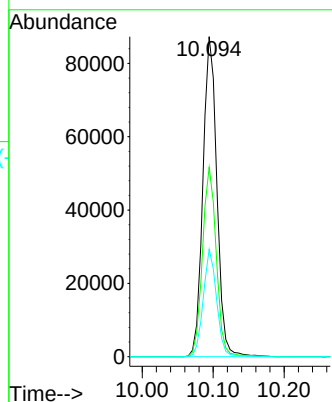
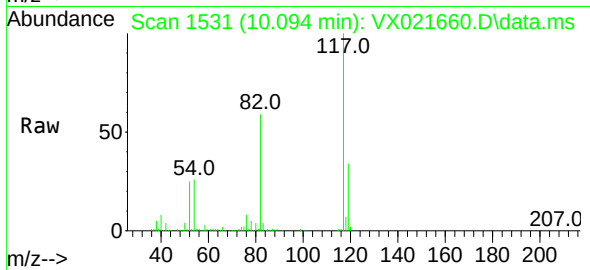




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021660.D
Acq: 31 Mar 2021 03:48

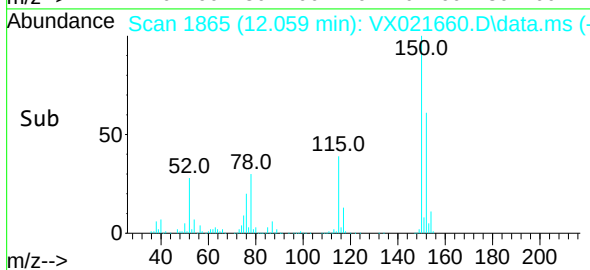
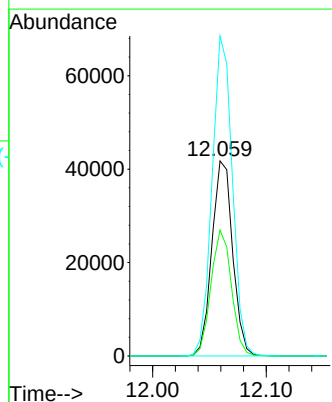
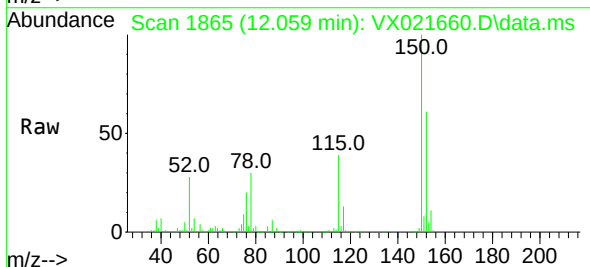
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20210323

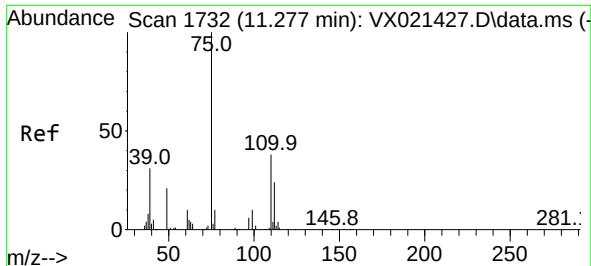
Tgt Ion:117 Resp: 119589
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 33.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021660.D
Acq: 31 Mar 2021 03:48

Tgt Ion:152 Resp: 53168
Ion Ratio Lower Upper
152 100
115 63.4 41.1 123.3
150 159.6 0.0 349.0

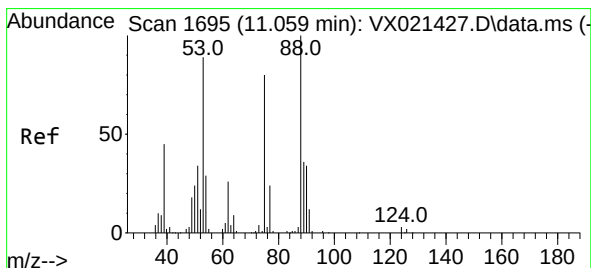
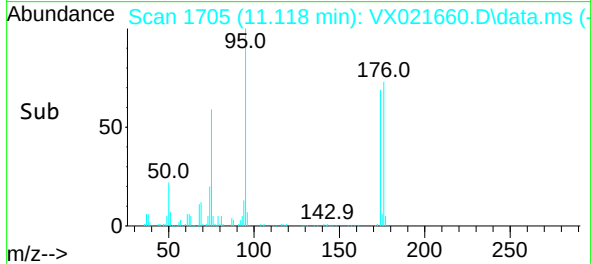
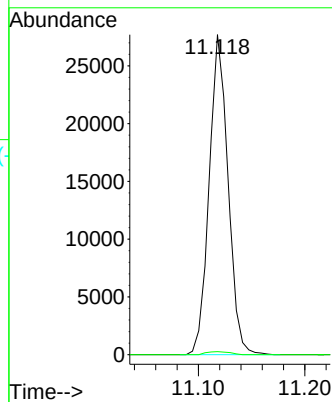
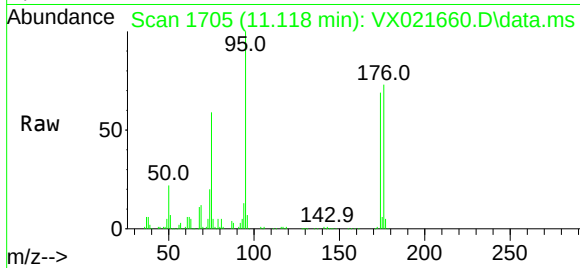




#76
1,2,3-Trichloropropane
Concen: 27.53 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021660.D
Acq: 31 Mar 2021 03:48

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20210323

Tgt Ion: 75 Resp: 34076
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.86 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021660.D
Acq: 31 Mar 2021 03:48

Tgt Ion: 75 Resp: 34076
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

